

Glasflugel (Germany)

Status	Subject	Detail	Reference information	TNS
Contact: UK Agents Southern Sailplanes 01488 71774				
LBA Airworthiness Directives				
Libelle - Std, H201, H201B, H301 & H301B				
M	Rudder cable conduits	to be secured, glued into place		10/75 & 08/73
M	Rudder control stops	reinforce in wheel box	AD 73-80	
M	Tailplane rigging	attachment guides reinforcement	AD 75-168, TN 201-20, TN 301-30	10/75
M	Seat pan	distorts & fouls release cable reinforce as necessary		03/79
M	Elevator	linkage at base of stick cracked mandatory replacement	TN 201-22	12/80
M	Rudder cables (2.5 mm diameter)	replace all hemp cored cables	AD 87-83, TN 201-26	06/88
M	Extension of service life	6 000 to 12 000 hrs with inspections(201 & 201B)	AD 94-265, TN 201-29	12/94
M	Control surface mass balance	limits changed ref BGA		04/96
	Spar stubs annual inspection	separation of laminate from fittings & fittings corrosion	TN201-31,TN301-36	04/96
M	Aileron drive shaft in fuselage	centre reinforce or replace or crack check annually	TN 201-33	04/96 & 06/96
M	FM amendment	High altitude flight	AD 84-11, TN 201-25	
M	Rudder drive (all except 201)	Replacement of gimbal drive arm	AD2003-003, TN203-3	12/02
M	Rudder drive (201 & 301)	Replacement of gimbal drive arm	AD-D-2005-118	04/05
		BGA Inspection 044/02/2005 superseded by AD		
Libelle in Service Reports (Advisory)				
	Wheel axle failures	inspect for bending & cracking		09/77
	Heavy landing damage	inspect inter elevator links and brackets		05/81
	Trim springs broken	inspect for cracks, wear & corrosion		02/88 & 06/84
	Elevator vibration	minimise backlash		08/85
	Elevator attachment	cracks in tailplane bracket		12/85
	Wing spar spigots	mounting plates corroded		04/93
	Elevator travel	restricted with gear up interference with wheel brake cable		04/97
	Rudder gimbal drive	Cracks reported in 201 Libelle Old type, see AD 2005-118		04/04
	Rudder gimbal drive	Possible to incorrectly assemble giving opposite rudder movement		06/05

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<u>Club Libelle (Glasflügel 205)</u>				
M	Tailplane	rigging guides reinforcement serial Nos→107	AD 75-168, TN 205-6	10/75
M	Rudder cables (2.5 mm diameter)	replace all hemp cored cables	AD 88-07-05	06/88
M	Extension of life	from 3000 to 6000 hrs after inspections	AD 88-280/2, TN 205-15	04/89
	Spar stubs annual inspection	separation of laminate from fittings & fittings corrosion	TN205-19	04/96
M	Rudder drive	Replacement of gimbal drive arm	AD2003-004, TN205-22	12/02
<u>M</u>	<u>Elevator Drive</u>	<u>Inspection and modification of elevator drive bracket</u>	<u>AD D-1988-028R1</u>	<u>12/05</u>
<u>Hornet A, B & C (Glasflügel 206)</u>				
M	Tailplane	rigging attachment guides reinforcement Serial Nos 1→3	AD 75-168, TN 206-1	10/75
M	Air brake/aileron	bolts fouling in wheel well		08/76
M	Rudder cables (2.5 mm diameter)	replace all hemp cored cables	AD 88-07-05	06/88
M	Extension of life	from 3000 to 6000 hrs after inspections	AD 88-280/2, TN 206-12	04/89
	Elevator	hinge pins not secured	TN 206-16	10/91
M	Canopy lifting frame	worn mounting studs	AD 91-111, TN 206-16	10/91
	Spar stubs annual inspection	separation of laminate from fittings & fittings corrosion	TN206-17	04/96
M	FM amendment	High altitude flight	AD 84-11, TN 206-11	
M	Rudder drive	Replacement of gimbal drive arm	AD2003-004, TN206-21	12/02
<u>M</u>	<u>Elevator Drive</u>	<u>Inspection and modification of elevator drive bracket</u>	<u>AD D-1988-028R1</u>	<u>12/05</u>
<u>Hornet C (only)</u>				
M	Aileron mass balance	modify	AD 80-221, TN 206-9	12/80
M	Aileron mass balance	limits relaxed	AD 97-311, TN 206-18	12/97
M	Control surface mass balance	limits changed	AD 1997-311/2, TN 206-19	02/99
<u>M</u>	<u>Elevator Drive</u>	<u>Inspection and modification of elevator drive bracket</u>	<u>AD D-1988-028R1</u>	<u>12/05</u>

Glasflügel 401 (Kestrel 17) & Glasflügel 604B

Glasflugel 401 see Slingsby T59, Kestrel 17 for general information

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Status	Subject	Detail	Reference information	TNS
M	Rudder cables	Inspection & replacement	AD 71-10, TN 401-10	
M	Airbrake drive rod	ends failure at weld replace rod ends in wings	AD 79-233, TN 401-16	06/79
M	Service life	3,000 to 6,000 hrs after inspections	AD 81-266, TN 401-17	
M	Rudder cables (2.5 mm diameter)	replace all hemp cored cables	AD 87-83, TN 401-20	06/88
M	Control surface	mass balance limits changed	AD 96-139, TN 401-25	04/96
M	Spar stubs annual inspection	separation of laminate from fittings & fittings corrosion	AD 96-133, TN 401-24, TN604-5	04/96
M	FM amendment	High altitude flight	AD 84-11, TN 604-1, TN 401-18	
M	Flight controls	Airbrake actuation shaft inspection	AD 2002-051, TN 401-26	04/02
<u>Mosquito & Glasflügel 304</u>				
M	Canopy jettison	inoperative check that pip pins are fully home	AD 79-322	08/79
M	Canopy lifting frame	worn mounting studs	AD 91-111, TN 303-18	10/91
	Rudder pedal	lower mounting tube fatigue failure at fixing pin hole		12/98
M	Life extension	Extension of service life at 3000 hrs	AD 88-281, TN 303-13, TN 304-4	
M	Life extension	Extension of service time and supplements	AD 2000-318, TN 303-22 TN 304-9	10/00
M	Ailerons	Carbon fibre aileron mass balance	AD 95-102, TN303-21	
M	FM amendment	High altitude flight	AD 84-11, TN 303-10, TN 304-2	
M	Rudder drive	Replacement of gimbal drive arm	AD2003-005, TN393023, TN304-10	12/02
M	Flying controls	Inspection of Airbrake handle riveted joint	AD2003-213, SB304CZ05a, CZ17-05a, CZ07	08/03
<u>M</u>	<u>Elevator Drive</u>	<u>Inspection and modification of elevator drive bracket</u>	<u>AD D-1988-028R1</u>	<u>12/05</u>